MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

APRIL, 1935

J. A. BROWN, DIRECTOR

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APRIL 1935

METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. +...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	59.9	57.1	56.1	57.7	22.7	14.3	19.7	20.4	18.7	19.6
2	6.3	8.8	60.9	8.7	18.9	16.0	16.7	16.0	13.6	15.4
3	62.2	62.3	3.1	62.5	19.0	11.8	16.3	17.7	14.9	16.3
4	4.3	3.9	4.5	4.2	21.0	12.7	17.1	19.9	15.0	17.3
5	5.1	4.1	3.8	4.3	21.4	12.2	18.7	20.1	15.9	18.2
6	63.7	63.1	63.0	63.3	20.2	12.6	18.1	19.9	15.5	17.8
7	1.3	1.0	0.2	0.8	20.2	14.3	16.0	19.3	17.3	17.5
8	56.7	55.0	53.0	54.9	27.3	16.4	27.3	25.6	21.6	24.8
9	2.1	2.8	2.9	2.6	27.2	18.2	24.7	22.3	19.4	22.1
10	3.0	2.8	4.9	3.6	17.4	15.6	17.1	13.7	13.6	14.8
11	55.0	55.4	56.4	55.6	18.7	12.0	15.7	18.7	16.2	16.9
12	5.9	6.2	8.2	6.8	21.2	15.4	17.6	19.4	16.1	17.7
13	60.3	60.3	61.1	60.6	21.9	14.6	18.7	21.3	17.0	19.1
14	1.4	1.6	1.1	1.4	21.6	14.1	17.3	21.2	17.3	18.5
15	0.2	0.5	1.2	0.6	21.3	13.4	18.8	20.6	15.7	18.4
16	60.9	60.1	60.0	60.3	21.7	13.1	17.7	21.4	16.6	18.6
17	59.4	0.0	1.6	0.3	20.2	13.9	14.4	19.2	16.2	16.6
18	63.4	4.3	4.3	4.0	20.8	13.5	18.3	20.2	15.5	18.0
19	3.2	1.7	0.8	1.9	21.4	13.1	17.2	21.0	15.8	18.0
20	0.1	0.1	0.6	0.3	21.4	14.2	19.3	21.1	16.0	18.8
21	60.9	59.7	61.1	60.6	21.2	13.3	18.9	16.3	12.9	16.0
22	2.3	62.8	3.7	2.9	21.7	12.3	16.6	21.3	15.6	17.8
23	4.7	4.6	3.7	4.3	21.4	13.3	18.8	20.9	16.1	18.6
24	2.5	58.5	0.0	1.3	23.8	14.3	19.1	21.0	18.2	19.4
25	1.4	62.1	2.2	1.9	23.9	16.1	21.3	22.9	18.2	20.8
26	62.3	62.7	61.9	62.3	26.9	15.9	22.7	24.5	19.1	22.1
27	1.4	59.7	59.8	0.3	32.8	17.9	25.6	31.2	24.1	27.0
28	59.6	8.8	9.4	59.3	30.7	21.6	28.3	27.3	24.4	26.7
29	9.7	8.3	8.7	8.9	29.4	20.2	25.4	27.3	23.8	25.5
30	9.0	9.3	60.3	9.5	28.5	20.4	27.3	25.0	23.8	25.4
	760.27	759.92	760.28	760.19	22.86	14.89	19.69	21.22	17.47	19.46

Barometer, range for month 752.1 mm. –765.1 mm.

,, 50-yr. average for month 760.038 mm.

Thermometer, Range for month 11.°8–32.°8 C.

,, 50-yr. average for month 18.°90 C.

Rain, total for month 121.29 mm.

,, , 50-yr. average for month 55.88 mm.

,, , total, Sept. 1st to end of month 975.86 mm.

50-yr. average, Sept. 1st to end of month 881.90 mm.

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METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Rain mm.
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	15.9	17.1	15.7	11.1	12.3	11.3	11.6	65	69	70	68	1.1	
2	14.4	13.5	12.0	10.7	10.0	9.5	10.1	76	75	83	78	0.0	
3	11.9	12.8	11.7	8.1	8.4	8.5	8.3	59	55	68	61	7.3	1.52
4	13.3	14.4	12.9	9.2	9.2	9.8	9.4	64	54	77	65	7.8	
5	13.9	15.5	12.3	9.1	10.4	8.7	9.4	57	59	65	60	11.6	
6	14.6	16.2	12.6	11.0	11.4	9.2	10.5	72	66	69	69	3.8	
7	12.6	15.1	14.0	9.0	10.3	9.9	9.7	67	62	68	66	2.3	
8	15.8	18.2	15.6	7.6	11.9	9.6	9.7	29	49	50	43	3.1	
9	18.8	19.3	17.4	12.4	14.3	13.3	13.3	54	71	80	68	0.7	
10	15.4	13.3	13.2	11.9	11.1	11.0	11.3	82	95	96	91	0.0	94.61
11	14.2	16.5	15.4	11.0	12.5	12.4	12.0	83	80	91	85	0.0	16.26
12	15.9	15.1	12.2	12.4	10.2	8.5	10.4	82	61	62	68	7.2	
13	15.1	17.2	14.4	10.6	11.9	10.5	11.0	66	63	71	67	9.8	
14	15.1	17.8	14.8	11.4	12.8	11.2	11.8	77	68	78	74	10.7	
15	16.5	16.6	14.0	12.4	11.5	10.8	11.6	78	64	82	75	11.3	
16	14.7	17.5	14.3	10.6	12.3	10.8	11.2	70	65	77	71	11.2	
17	13.8	14.3	12.9	11.4	9.3	9.2	10.0	92	57	68	72	8.3	6.11
18	14.2	15.0	12.7	9.7	9.7	9.3	9.6	61	55	71	62	11.7	
19	14.1	16.6	14.4	10.1	11.2	11.3	10.9	69	61	85	72	9.3	
20	16.1	16.3	13.2	11.6	10.9	9.7	10.7	69	59	72	67	10.9	
21	13.8	14.3	11.3	9.0	10.9	9.1	9.7	56	79	82	72	9.3	2.79
22	13.9	16.8	13.8	10.2	11.4	10.7	10.8	72	61	81	71	10.6	
23	15.5	17.0	14.4	11.0	11.8	11.1	11.3	69	64	82	72	9.4	
24	17.1	18.3	17.1	13.1	13.7	13.7	13.5	80	75	87	81	11.2	
25	18.4	19.4	17.4	13.7	14.3	14.2	14.1	73	69	91	78	12.0	
26	18.9	20.0	15.7	13.7	14.2	11.1	13.0	67	63	67	66	11.0	
27	20.9	24.0	19.6	15.1	16.8	13.8	15.2	62	49	62	58	12.0	
28	24.0	21.5	19.6	18.7	14.9	13.6	15.7	65	55	60	60	5.7	
29	18.9	22.3	20.1	12.2	16.4	14.8	14.5	50	61	67	59	7.8	
30	19.9	19.0	19.1	12.7	12.5	13.3	12.8	47	54	60	54	3.1	
				11.36	11.95	11.00	11.44	67.1	63.9	74.1	68.4	7.34	4.04

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
30-year averages are for period, 1875-1924

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METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Kms.		
1	10st	7stci	10stcu	9.0	1n	1n	1n	278.4	stormy	
2	10stcu	10cu	8cu	9.3	1w	3w	2sw	349.3	„	traces of rain
3	4cu	4cu	3cu	3.7	3sw	2sw	1sw	346.0	mod.	
4	10cu	2cu	2cu	4.7	1w	1w	0	246.2	slight	
5	1cu	0	0	0.3	1n	1nw	1nw	212.9	light	
6	7st	8stcu	8stcu	7.7	0	0	0	133.6	light	
7	10cu	8stcu	7stcu	8.3	1nw	1nw	0	173.8	slight	
8	5ci	8ci	7stcu	6.7	3se	0	0	294.5	„	very dry
9	10ci	10stcu	10stcu	10.0	0	2s	3sw	297.7	mod.	
10	10ni	10ni	10ni	10.0	4sw	4sw	1sw	502.1	stormy	thunderstorm noon
11	10cu	10stcu	10stcu	10.0	1sw	3sw	2sw	455.4	mod.	
12	9ni	3cu	4stcu	5.3	2sw	2n	1n	313.8	„	
13	1cu	2cu	4cu	2.3	1nw	1nw	0	188.3	slight	
14	3cu	2cu	2cu	2.3	1w	1w	1sw	173.8	„	
15	2cu	1cu	1stcu	1.3	2s	3sw	0	191.5	„	
16	1cu	2stcu	10stcu	4.3	1sw	1w	0	297.7	light	
17	10ni	2cu	10stcu	7.3	0	2w	1sw	463.5	rough	
18	2cu	2cu	1cu	2.7	0	1w	0	183.4	slight	
19	4stcu	3stcu	3st	3.3	0	1w	0	138.4	calm	
20	9stcu	1cu	7stcu	5.7	2sw	1sw	0	234.9	light	
21	3stcu	7stcu	4stcu	4.7	0	2w	0	376.5	slight	thnuderstorm p.m.
22	7stcu	2stcu	0	3.0	1w	1sw	0	268.8	„	
23	3st	7cicu	0	3.3	0	1w	0	193.1	light	
24	3cicu	1stcu	0	1.3	0	0	0	120.7	calm	
25	1ci	0	1cu	0.7	0	0	0	136.8	light	
26	0	2ci	3ci	1.7	0	0	0	67.6	slight	heavy dew a.m.
27	0	3ci	3ci	2.0	0	0	0	78.9	calm	
28	8stci	7stci	4ci	6.3	0	0	0	80.5	„	
29	0	8stci	4st	4.0	0	1sw	1sw	152.9	„	
30	10st	6st	2st	6.0	1w	1w	0	201.1	slight	
				4.61	0.9	1.2	0.5	238.4		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	2	0	0	1	1	6	5	2	13	30
14:30	2	0	0	0	1	7	10	3	7	30
20:30	2	0	0	0	0	8	0	1	19	30
Totals	6	0	0	1	2	21	15	6	39	

Number of days with rain 5, fog 0, thunderstorms 2, gales 0.

50-yr. average number of days with rain during month 6.3